

Title (en)

METHOD AND APPARATUS FOR DISPERSING PIGMENT IN LIQUID MEDIUM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DISPERGIEREN VON FARBSTOFFEN IN EINEM FLÜSSIGEN MEDIUM

Title (fr)

PROCEDE ET APPAREIL DE DISPERSION D'UN PIGMENT DANS UN MILIEU LIQUIDE

Publication

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Application

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Priority

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Abstract (en)

[origin: US2004134930A1] The present invention provides an apparatus for dispersing pigment in a water-based or oil-based intermediate mixture for producing a coating composition comprising a mixer and a dispersing device, the mixer having a vacuum pump and capable of conducting a primary mixing of a pigment component and resin-containing liquid medium to form an intermediate mixture, the dispersing device capable of conducting the secondary mixing of the intermediate mixture, the mixer and the dispersing device being connected by pipes to form a circulation channel for the intermediate mixture, one of the pipes being provided with a seal-less pump, the intermediate mixture capable of circulating between the mixer and the dispersing device through the circulation channel.

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